

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053719.D
 Acq On : 14 Apr 2023 17:27
 Operator : JC/MD
 Sample : 02254-186DL2 2000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AC0DL2

Quant Time: Apr 15 05:33:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 05:28:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

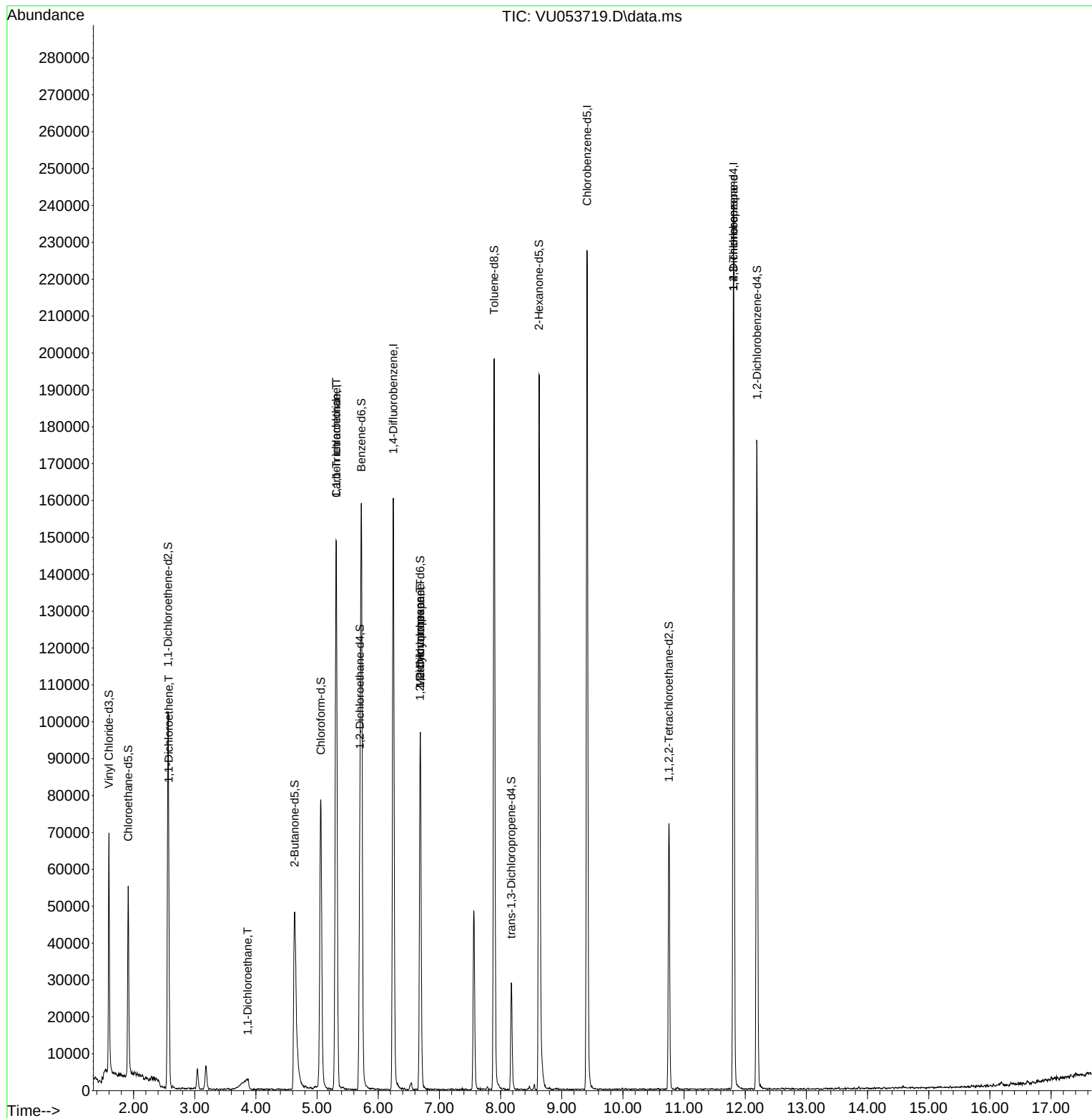
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	138587	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	132634	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65096	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48172	5.053	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.000%	
7) Chloroethane-d5	1.912	69	39979	4.620	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.400%	
11) 1,1-Dichloroethene-d2	2.565	65	17755	4.372	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.400%	
20) 2-Butanone-d5	4.633	46	83143	38.067	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.140%	
24) Chloroform-d	5.060	84	75905	4.295	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4	5.700	65	38286	4.227	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.600%	
32) Benzene-d6	5.726	84	155960	4.149	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
36) 1,2-Dichloropropane-d6	6.687	67	47713	4.166	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.400%	
41) Toluene-d8	7.896	98	141514	3.991	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.800%	
43) trans-1,3-Dichloroprop...	8.176	79	17261	3.927	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.600%	
46) 2-Hexanone-d5	8.629	63	72299	40.497	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.000%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35741	3.749	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	75.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	48233	4.119	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.400%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.575	96	5375	0.685	ug/L #	1
19) 1,1-Dichloroethane	3.864	63	3037	0.202	ug/L	95
29) 1,1,1-Trichloroethane	5.314	97	108670	8.299	ug/L	97
31) Carbon tetrachloride	5.314	117	14972	1.351	ug/L	98
35) Methylcyclohexane	6.687	83	11644	0.717	ug/L #	24
37) 1,2-Dichloropropane	6.684	63	5301	0.565	ug/L #	89
61) 1,2,3-Trichloropropane	11.809	75	7710	1.430	ug/L #	66

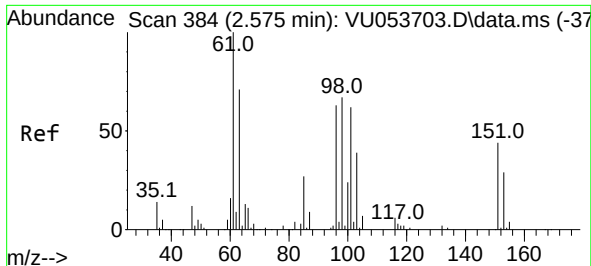
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.685 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.000 min

Lab File: VU053719.D

Acq: 14 Apr 2023 17:27

Instrument :

MSVOA_U

ClientSampleId :

C0AC0DL2

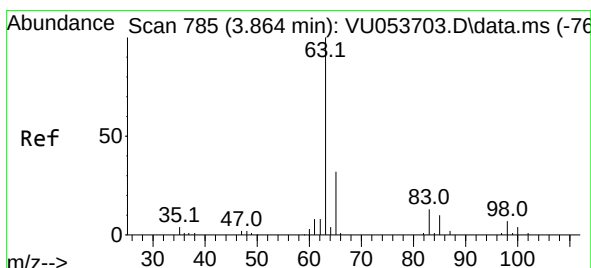
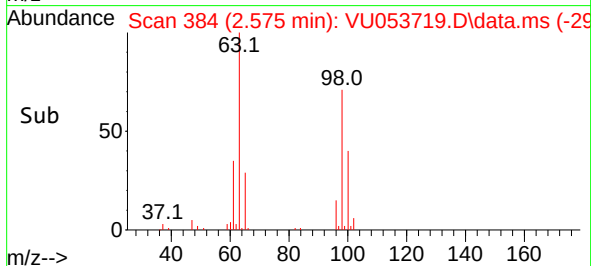
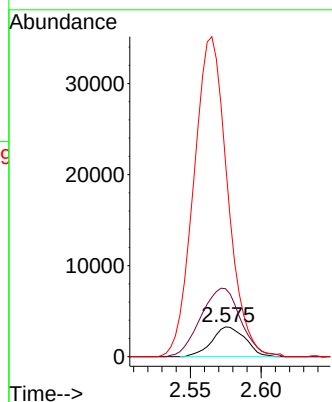
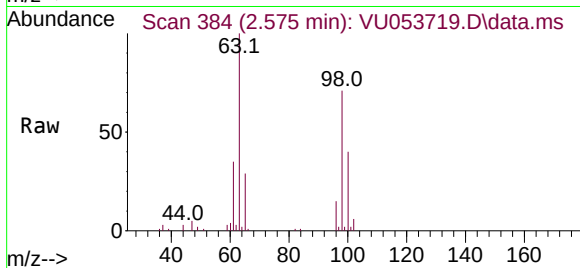
Tgt Ion: 96 Resp: 5375

Ion Ratio Lower Upper

96 100

61 228.2 116.8 216.8#

63 653.3 88.6 164.6#



#19

1,1-Dichloroethane

Concen: 0.202 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.000 min

Lab File: VU053719.D

Acq: 14 Apr 2023 17:27

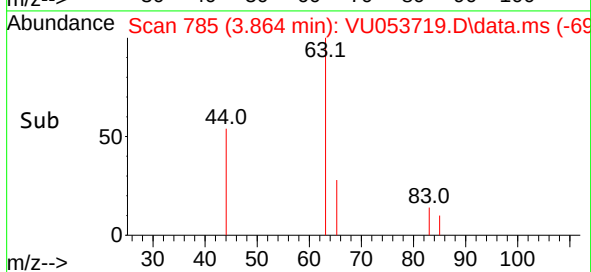
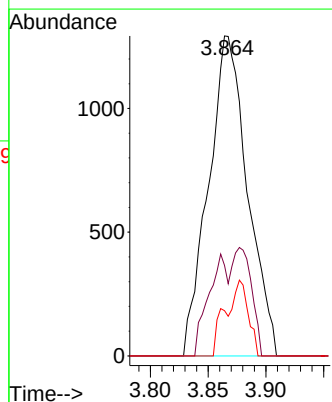
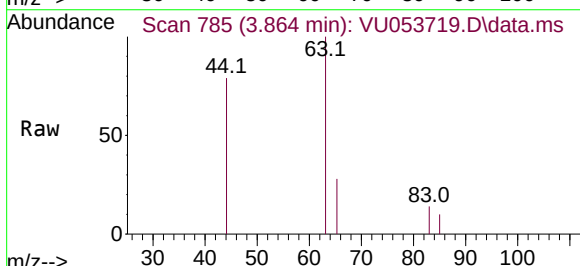
Tgt Ion: 63 Resp: 3037

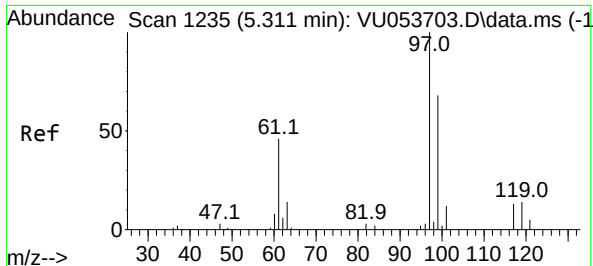
Ion Ratio Lower Upper

63 100

65 28.3 21.7 40.3

83 14.2 8.1 15.1

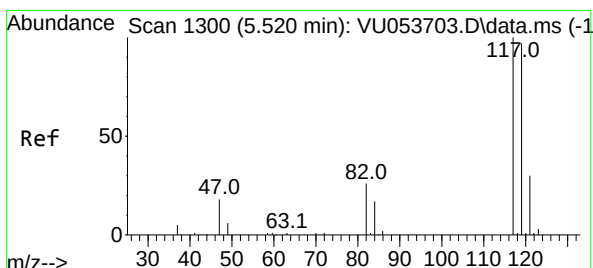
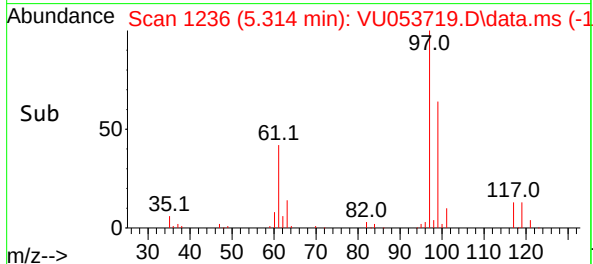
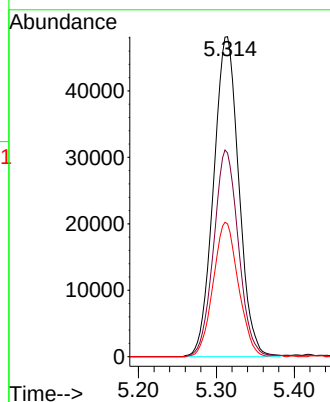
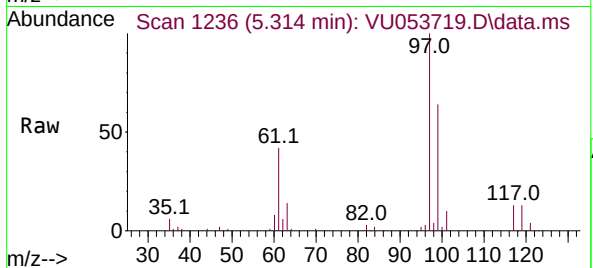




#29
1,1,1-Trichloroethane
Concen: 8.299 ug/L
RT: 5.314 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VU053719.D
Acq: 14 Apr 2023 17:27

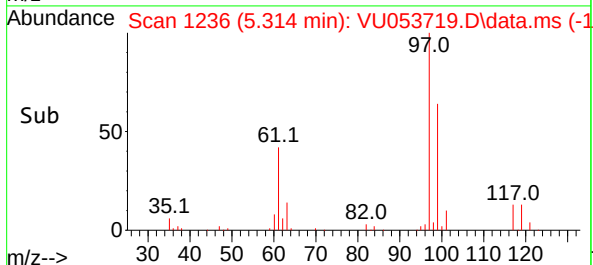
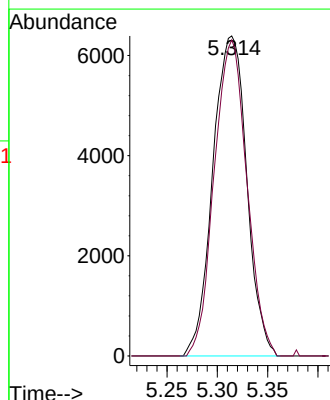
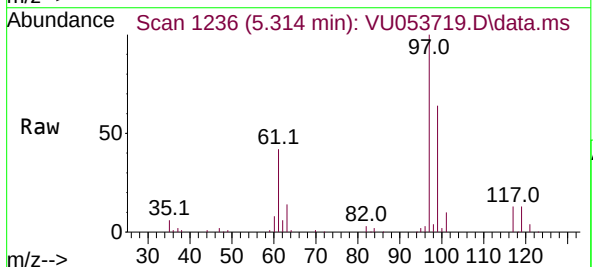
Instrument :
MSVOA_U
ClientSampleId :
C0AC0DL2

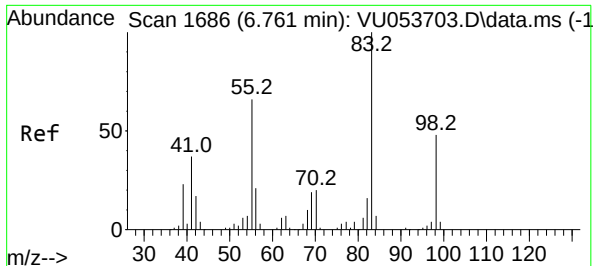
Tgt Ion: 97 Resp: 108670
Ion Ratio Lower Upper
97 100
99 63.5 49.9 74.9
61 41.9 35.7 53.5



#31
Carbon tetrachloride
Concen: 1.351 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.206 min
Lab File: VU053719.D
Acq: 14 Apr 2023 17:27

Tgt Ion: 117 Resp: 14972
Ion Ratio Lower Upper
117 100
119 95.0 77.7 116.5

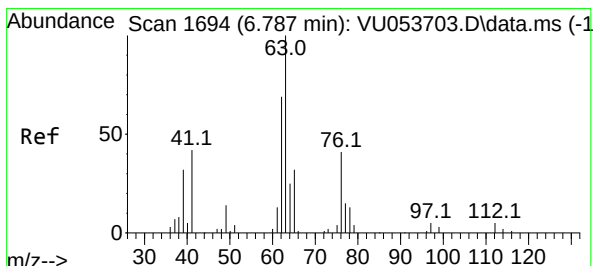
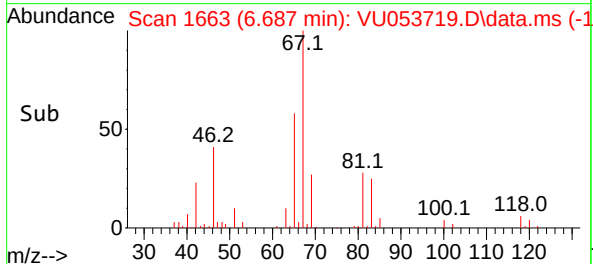
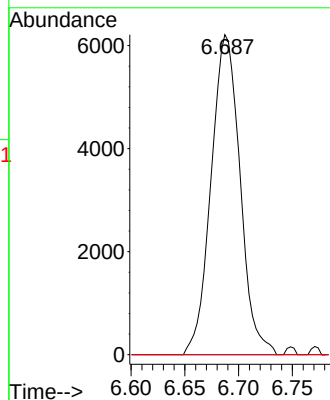
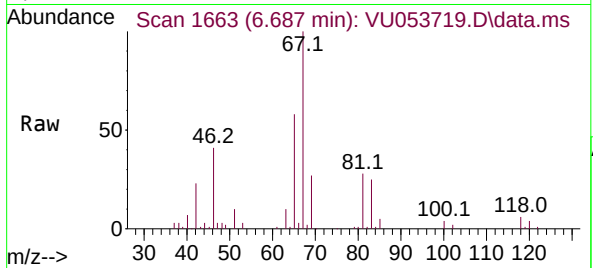




#35
Methylcyclohexane
Concen: 0.717 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053719.D
Acq: 14 Apr 2023 17:27

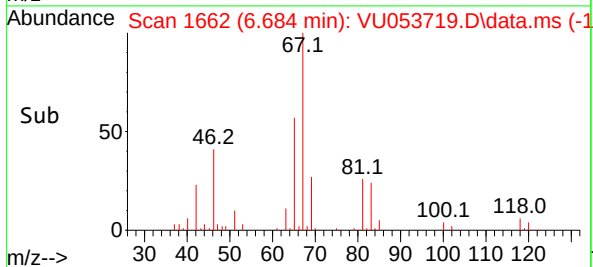
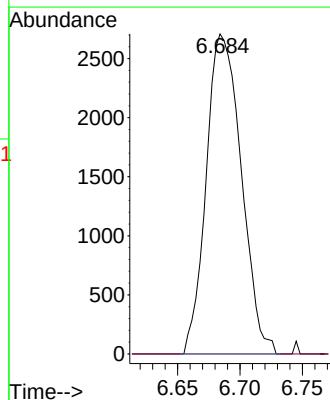
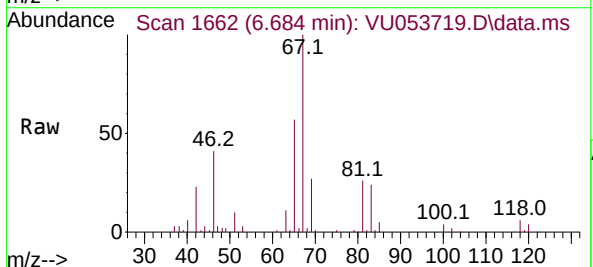
Instrument :
MSVOA_U
ClientSampleId :
C0AC0DL2

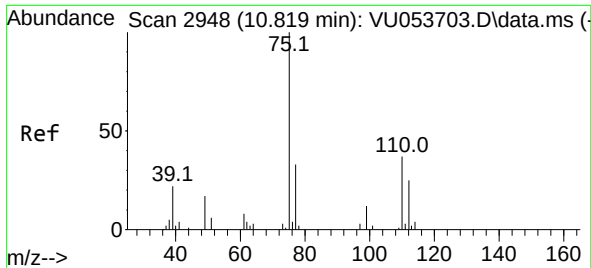
Tgt Ion: 83 Resp: 11644
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 2.7 34.9 52.3#



#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU053719.D
Acq: 14 Apr 2023 17:27

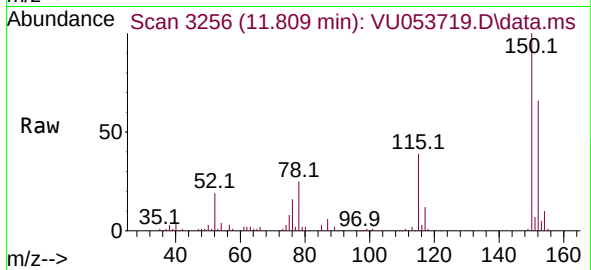
Tgt Ion: 63 Resp: 5301
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.430 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053719.D
 Acq: 14 Apr 2023 17:27

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AC0DL2



Tgt Ion:	75	Resp:	7710
Ion	Ratio	Lower	Upper
75	100		
110	1.3	30.6	46.0#
77	31.6	26.1	39.1

